

AI | Infectious Disease A Symposium

Date: 27 February 2025

Time: 13:45 - 17:00

Location: Wolfson Lecture Theatre IDM, Faculty of Health Sciences, University of Cape Town

Networking: Wolfson Pavilion Foyer, light snacks will be served.

Event Schedule

13:45 - 14:00 | Arrival

14:00 - 14:05 | Welcome and Opening Remarks

◆ **A/Prof. Jonathan Shock** - *Interim Director of the UCT AI Initiative, Shocklab, Faculty of Science*

14:05 - 14:30 | Keynote Address

◆ **Prof. Teng-Leong Chew** - *Director of Advanced Imaging Centre at HHMI – Janelia, Honorary Professor UCT*

14:30 - 14:40 | Using AI to Support Science

◆ **Prof. Nicky Mulder** - *Dept. of IBMS, IDM, FHS*

14:40 - 14:50 | Harnessing AI in Bioinformatics: Unearthing Hidden Patterns for Accelerated Biomedical Discovery

◆ **Dr. Musalula Sinkala** *Dept. of IBMS, IDM, FHS*

14:50 - 15:00 | The AI Pathologist: Hype, Hope, and Reality in Cancer Diagnosis

◆ **Dr. Brendon Price** - *Dept. of Pathology, FHS*

15:00 - 15:10 | Q&A Session (10 min)

Open discussion and audience questions for the first set of speakers.

15:10 - 15:40 | Coffee Break & Networking (30 min)

15:40 - 15:55 | Ethical Considerations of AI in Medical Research and Healthcare Practice

◆ **Prof. Jantina de Vries** - *Director of the EthicsLab. Neuroscience Institute & Dept. of Medicine, FHS*

15:55 - 16:05 | Will AI transform Radiation Oncology

◆ **Prof. Jeannette Parkes** - *Dept. of Medicine, FHS*

16:05 - 16:15 | Revolutionizing Healthcare: The Role of New AI Tools and Technologies ♦

Dr. Lucy Cunnama - *Health Economics Unit, FHS*

16:15 - 16:25 | AI Applications in Drug Discovery & Development

♦ **Dr. Jason Hlozek** - *Dept. of Chemistry, IDM, FS*

16:25 - 16:35 | Q&A Session (10 min)

Discussion and audience questions for the second set of speakers.

16:35 - 16:45 | Closing Remarks

♦ **Prof. Digby Warner** Wrap-up and reflections on the workshop outcomes.

16:50 - Onwards | Networking & Light Snacks
